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## DATASHEET

Simocyclinone D8

### Product overview

<b>Name</b>	Simocyclinone D8
<b>Cat No</b>	HB4084
<b>Purity</b>	>97%
<b>Description</b>	Bacterial DNA gyrase inhibitor

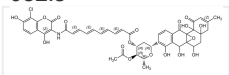
### Biological Data

<b>Biological description</b>	Antibiotic. Bacterial DNA gyrase inhibitor: Staphylococcus aureus (IC <sub>50</sub> = 1.45μM), E.coli (IC <sub>50</sub> = 0.41μM). Human topoisomerase II (Topo II) inhibitor (IC <sub>50</sub> = 100μM). Antibacterial (Gram-positive). Antitumor compound.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	932.3
<b>Chemical structure</b>	
<b>CAS Number</b>	301845-97-6
<b>InChiKey</b>	PLEGMCYXNQPJNV-TYXWGSLSYA-N
<b>Appearance</b>	Yellow powder